

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: N. MIYADERA, et al.  
Serial No.: 10/573,810  
Filed: MARCH 28, 2006  
For: LIGHT BRANCHING OPTICAL WAVEGUIDE  
Group AU: 2874  
Examiner: John M. Bedtelyon  
Confirm. No: 9359

**SUBMISSION UNDER 37 CFR 1.114**  
**(AMENDMENT)**

**Mail Stop: RCE**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 3, 2010

Sir:

In response to the Office Action dated September 3, 2009, subsequent to the filing of a Notice of Appeal on March 3, 2010, and concurrently with the filing of a Request for Continued Examination (RCE) Transmittal, the period for response having been extended for one (1) month by the attached Petition for Extension of Time, please amend the above-identified application as listed in the following, and as set forth on the following pages:

AMENDMENTS TO THE CLAIMS; and

REMARKS are included following the amendments.